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<110> YOKOTA, Hiroshi  
KIKUYA, Eriko

<120> Dose-Dependent Promoter Originating in Humans

<130> 3190-094

<140> US Unassigned

<141> 2006-04-28

<150> PCT/JP2004/016100

<151> 2004-10-29

<150> JP P2003-371004

<151> 2003-10-30

<160> 14

<170> PatentIn version 3.1

<210> 1

<211> 36

<212> DNA

<213> Artificial

<220>

<223> DNA that can be used as an initiator/promoter

<400> 1

ttcggaaatcg gccggatctt ctcccgatgg ccattc

36

<210> 2

<211> 33

<212> DNA

<213> Artificial

<220>

<223> DNA that can enhance the initiator/promoter activity of the DNA  
of SEQ ID NO:1 when being ligated to the 5' end of the same

<400> 2

ttcggaaatg gcgaggatctt ctccgagga cca 33

<210> 3

<211> 69

<212> DNA

<213> Artificial

<220>

<223> DNA that can be used as an initiator/promoter

<400> 3

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ggaccattc

69

<210> 4

<211> 102

<212> DNA

<213> Artificial

<220>

<223> DNA that can be used as an initiator/promoter

<400> 4

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ggaccattcg gaatggcg ggatcttc tcgaggaccat tc

102

<210> 5

<211> 135

<212> DNA

<213> Artificial

<220>

<223> DNA that can be used as an initiator/promoter

<400> 5

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ggaccattcg gaatggggcg gttttttttt cgaggaccat tcggaaatggg cggatgtttc 120

tccgaggac cattc 135

<210> 6

<211> 267

<212> DNA

<213> Artificial

<220>

<223> DNA that can be used as an initiator/promoter

<400> 6

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ggaccattcg gaatggggcg gttttttttt cgaggaccat tcggaaatggg cggatgtttc 120

tccgaggac cattcgaaatggggatcc ttttccgtttt gaccattcgaaatggggatcc 180

gttttttttttcc gaggaccattt cggaaatggggatcc ttttccgttttcc gaccattcgaaatggggatcc 240

ggcgatgtttttttttttcc gaggaccattt cggaaatggggatcc ttttccgttttcc 267

<210> 7

<211> 33

<212> DNA

<213> Artificial

<220>

<223> DNA that forms a double-stranded DNA with the DNA of SEQ ID NO:2

<400> 7

gaatggtcct cggaaagaaga ctccgcctct tcc 33

<210> 8

<211> 26

<212> DNA

<213> Artificial

<220>

<223> DNA that can be used as a primer

<400> 8

cgacgcgttt cggaaagaggc ggagt 26

<210> 9

<211> 29

<212> DNA

<213> Artificial

<220>

<223> DNA that can be used as a primer

<400> 9

ggagatctga atggcctcg gaagaagac 29

<210> 10

<211> 24

<212> DNA

<213> Artificial

<220>

<223> DNA that can be used as a primer

<400> 10

ggcgtcgat actgaaatcc aggc

24

<210> 11

<211> 24

<212> DNA

<213> Artificial

<220>

<223> DNA that can be used as a primer

<400> 11

gaatggcct cggaaagaaga ctcc

24

<210> 12

<211> 30

<212> DNA

<213> Artificial

<220>

<223> DNA that can be used as a primer

<400> 12

cgcacgcgtgg cagtcgatac tgaaatccat

30

<210> 13

<211> 348

<212> DNA

<213> homo sapiens

<220>

<221> misc\_feature

<223> Nucleotide sequence of a transcription regulatory region in the synaptotagmin XI gene

<400> 13

ggcagtcat actgaaatcc aggcagtaca gaatttatt ttcccaaat tctggactc 60

aggaccgaga acattttgtt gctgtatcaa agcccagaaa actgaaatca gaggattca 120

tataataatc tacctatgtt tcttaccctt cagtaatttc tcgttttggg accacagcgc 180

gtcagtgggc ggggcctcat ttcgggaaa actcgccgtt gggaggagtc ccctccggga 240

gagtttcctt aaaaaaaaaaaaaa gggtgtactt ccgttaatctt tcggaaaggagg cggatcttc 300

ttccgaggac cattcgaaag aggccggatc ttcttccatg gaccatcc 348

<210> 14

<211> 381

<212> DNA

<213> homo sapiens

<220>

<221> misc\_feature

<223> Nucleotide sequence of a transcription regulatory region in the synaptotagmin XI gene

<400> 14

ggcagtcat actgaaatcc aggcagtaca gaatttatt ttcccaaat tctggactc 60

aggaccgaga acattttgtt gctgtatcaa agcccagaaa actgaaatca gaggattca 120

tataataatc tacctatgtt tcttaccctt cagtaatttc tcgttttggg accacagcgc 180

gtcagtgggc ggggcctcat ttcgggaaa actcgccgtt gggaggagtc ccctccggga 240

gagcttcctg aogggggcga gggctgactt ccgttaatctt tcggaaggagg cggatcttc 300

tccgaggac cttcggaag oggcggatc ttctccgat gaccatcg aagaggcggt 360

gcttcgtcc gagggaccatt c 381